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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,125	08/06/2001	Michael L. Obradovich	9800.1024	9724

7590

08/27/2003

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EXAMINER

NGUYEN, CAO H

ART UNIT

PAPER NUMBER

2173

DATE MAILED: 08/27/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/923,125

Applicant(s)

Obradovich

Examiner

Cao (Kevin) Nguyen

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on RCE filed on 06/04/03
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-29, 31-39, and 41-58 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 21-29, 31-39, and 41-58 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

Art Unit: 2173

DETAILED ACTION

37 C.F.R. § 1.105 Requirements for Information

(a)(1) In the course of examining or treating a matter in a pending or abandoned application filed under 35 U.S.C. 111 or 371 (including a reissue application), in a patent, or in a reexamination proceeding, the examiner or other Office employee may require the submission, from individuals identified under § 1.56(c), or any assignee, of such information as may be reasonably necessary to properly examine or treat the matter, for example:

- (i) Commercial databases: The existence of any particularly relevant commercial database known to any of the inventors that could be searched for a particular aspect of the invention.
- (ii) Search: Whether a search of the prior art was made, and if so, what was searched.
- (iii) Related information: A copy of any non-patent literature, published application, or patent (U.S. or foreign), by any of the inventors, that relates to the claimed invention.
- (iv) Information used to draft application: A copy of any non-patent literature, published application, or patent (U.S. or foreign) that was used to draft the application.
- (v) Information used in invention process: A copy of any non-patent literature, published application, or patent (U.S. or foreign) that was used in the invention process, such as by designing around or providing a solution to accomplish an invention result. (vi)

Art Unit: 2173

Improvements: Where the claimed invention is an improvement, identification of what is being improved.

(vii) In use: Identification of any use of the claimed invention known to any of the inventors at the time the application was filed notwithstanding the date of the use.

(2) Where an assignee has asserted its right to prosecute pursuant to § 3.71(a) of this chapter, matters such as paragraphs (a)(1)(i), (iii), and (vii) of this section may also be applied to such assignee.

(3) Any reply that states that the information required to be submitted is unknown and/or is not readily available to the party or parties from which it was requested will be accepted as a complete reply. (b) The requirement for information of paragraph (a)(1) of this section may be included in an Office action, or sent separately. (c) A reply, or a failure to reply, to a requirement for information under this section will be governed by §§ 1.135 and 1.136.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2173

2. Claims 21-29, 31-39, and 41-58 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (US Patent No. 5,671,195) in view of Logan (US Patent No. 6,199,076B1).

Regarding claim 21, Lee discloses a system for use in a vehicle comprising a receiver for receiving entertainment programs provided by a plurality of sources, the entertainment programs being classified in a plurality of categories based on contents of the entertainment programs (see col. 3, lines 10-67); a processor for associating indicators, representing respective ones of the sources, with the categories of the entertainment programs provided by the sources (see col. 4, lines 1-58); however, Lee fails to explicitly teach an interface for presenting, for a given category, a collection of one or more indicators associated with the given category, thereby facilitating selection of a source represented by an indicator in the collection to receive an entertainment program classified in the given category.

Logan teaches an interface for presenting, for a given category, a collection of one or more indicators associated with the given category, facilitating selection of a source represented by an indicator in the collection to receive an entertainment program classified in the given category (see col. 9-10, lines 1-67). It would have been obvious to one of an ordinary skill in the art at the time the invention was made to provide an interface for presenting, for a given category, a collection of one or more indicators associated with the given category by an indicator in the

Art Unit: 2173

collection to receive an entertainment program classified in the given category as taught by Logan to a broadcast receiver system by Lee in order to provide a user interface selectable categories of the vehicle entertainment for programs accompanying the available communication signal and to enhance a user friendly.

Regarding claim 22, Lee discloses wherein at least one of the sources is a radio station (see col. 4, lines 1-22).

Regarding claim 23, Lee discloses wherein at least one of the sources is a television (TV) source (see figures 2-3).

As claims 24-27 are analyzed as previously discusses with respect to claims 21-23 above.

Claims 27-29, Lee discloses wherein the indicator includes a sign identifying the source represented thereby; wherein the source is selected by selecting the indicator representing the source; and wherein the interface includes a display (see col. 7-8, lines 1-67 and figures 4-7).

As claims 31-39 and 41-58 are analyzed as previously discusses with respect to claims 21-23 and 27-29 above.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (PTO-892).

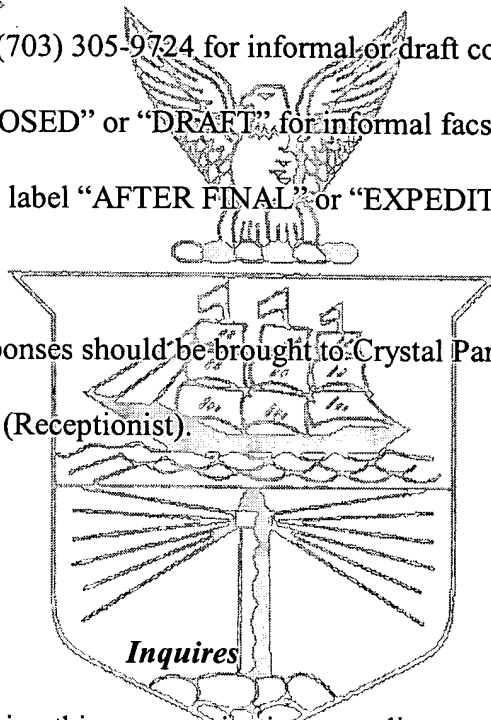
Art Unit: 2173

Response

4. Responses to this action should be mailed to Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-9051 may be used for formal communications or (703) 305-9724 for informal or draft communications.

Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

★ Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA. Sixth Floor (Receptionist). ★

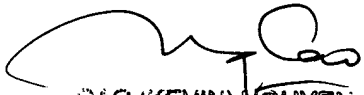


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cao (Kevin) Nguyen whose telephone number is (703) 305-3972. The examiner can normally be reached on Monday-Friday from 8:30 am to 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca, can be reached on (703) 308-3116. The fax number for this group is (703) 308-6606.

Art Unit: 2173

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.


CAO (KEVIN) NGUYEN
PRIMARY EXAMINER
August 19, 2003

